

Claims

- 1 1. An electric hair trimming device comprising:
2 a set of cutting blades for trimming hair, and
3 an ion generator configured to direct a flow of ions toward the cutting blades during
4 use.
- 1 2. The device of claim 1, wherein the ions are generated between positive and negative
2 electrodes and further wherein the positive electrode is a pointed electrode and the negative
3 electrode is an annular electrode array comprising a central opening coaxial with the associated
4 positive electrode.
- 1 3. The device of claim 2, wherein the negative electrodes comprise a smooth
2 continuous surface.
- 1 4. The device of claim 3, wherein the negative electrode array is formed from a single
2 sheet of metal by extrusion or punching.
- 1 5. An electric hair trimming device comprising:
2 a housing;
3 cutting blades configured for trimming hair;
4 an ion generator comprising positive and negative electrodes contained within the
5 housing; and
6 an opening in the housing adjacent the electrodes of the ion generator;
7 wherein the ion generator is configured to direct a stream of negative ions toward the
8 hair being trimmed during use.
- 1 6. The device of claim 5, wherein the positive electrode is a pointed electrode and the
2 negative electrode is an annular electrode array comprising a central opening coaxial with the
3 associated positive electrode.
- 1 7. The device of claim 6, wherein the negative electrode array is formed from a single
2 sheet of metal by extrusion or punching.
- 1 8. An electric hair trimming device comprising:
2 a housing;
3 cutting blades attached to the housing and configured for trimming hair; and
4 an ion generator comprising positive and negative electrodes contained within the
5 housing and configured to direct a stream of negative ions toward the cutting blades during use;

6 wherein the positive electrode is a pointed electrode and the negative electrode is an
7 annular electrode array comprising a central opening coaxial with the associated positive
8 electrode;

9 wherein the negative electrode array is formed from a single sheet of metal by
10 extrusion or punching; and

11 further wherein the housing provides an opening adjacent the electrodes of the ion
12 generator effective to allow the stream of ions generated within the housing to flow toward the
13 hair being trimmed during use.

1 9. A method of clipping hair comprising:

2 contacting the hair with an electric hair trimming device, wherein the hair trimming
3 device directs a stream of negative ions onto the hair being clipped.

1 10. An improved hair clipping device comprising a motor, a power cord, a switch and an
2 indicating light, all housed within an elongated housing, wherein the improvement comprises an
3 electrostatic ion generator contained within the housing and configured to direct negative ions
4 through an opening provided in the housing and onto hair being clipped during use.

1 11. The improved device of claim 10, wherein the electrostatic ion generator comprises a
2 positive electrode and a negative electrode, and further wherein the positive electrode is a
3 pointed electrode and the negative electrode is an annular electrode array comprising a central
4 opening coaxial with the associated positive electrode.

1 12. The device of claim 11, wherein the negative electrode is formed from a single sheet
2 of metal by extrusion or punching and comprises a smooth continuous surface.